

IN THE CLAIMS

Please amend the claims to read as indicated herein.

Please cancel claim 7.

1. (currently amended) A signal coupling apparatus, comprising:
a circuit having

(a) a capacitor for coupling a signal to a power line; and

(b) a switch in series with said capacitor; and

(c) a resistor in parallel with said switch,

wherein said resistor and said capacitor form an RC time constant that is substantially less
than a period of a power frequency on said power line, and

wherein said circuit is for connection between said power line and another circuit.

2. (original) The signal coupling apparatus of claim 1, wherein said another circuit is a grounded circuit.

3. (original) The signal coupling apparatus of claim 1, wherein said capacitor includes a terminal for connection to said power line.

4. (original) The signal coupling apparatus of claim 1, further comprising a component for remotely actuating said switch.

5. (original) The signal coupling apparatus of claim 1, further comprising an insulating cord for actuating said switch.

6. (original) The signal coupling apparatus of claim 1, further comprising a time delay mechanism for actuating said switch.

7. (canceled)

8. (currently amended) The signal coupling apparatus of claim ~~7~~ 1, wherein said resistor is a first resistor having a first resistance, wherein said signal coupling apparatus further comprises a second resistor connected in parallel with said capacitor and having a second resistance, and wherein said second resistance is at least one hundred times greater than said first resistance.

9. (currently amended) A method ~~for attaching a coupling capacitor to an energized power line,~~ comprising:

~~providing a circuit having a switch in series with said coupling capacitor;~~

(a) connecting a terminal of said a circuit to said an energized power line,

wherein said circuit has a switch in series with a coupling capacitor, and a resistor in parallel with said switch, and

wherein said resistor and said coupling capacitor form an RC time constant that is

substantially less than a period of a power frequency on said energized power line;

and

(b) closing said switch.

10. (original) The method of claim 9, where said connecting comprises connecting a terminal of said capacitor to said power line.

11. (original) The method of claim 9, wherein said closing comprises actuating said switch from a location remote from said switch.

12. (original) The method of claim 9, wherein said closing comprises using an insulating cord to actuate said switch.

13. (original) The method of claim 9, wherein said closing comprises using a time delay mechanism for actuating said switch.

14. (original) A method comprising:
connecting a capacitor to a power line;
connecting a resistor in series with said capacitor; and
connecting a switch in parallel with said resistor to effect a connection between said capacitor and a circuit.

Please add the following claims, newly numbered as claims 15 - 18.

15. (new) The method of claim 14, wherein said resistor and said capacitor form an RC time constant that is substantially less than a period of a power frequency on said energized power line.

16. (new) The method of claim 14, further comprising actuating said switch from a location remote from said switch.

17. (new) The method of claim 14, further comprising using an insulating cord to actuate said switch.

18. (new) The method of claim 14, further comprising using a time delay mechanism for actuating said switch.